

Changes to the drawings

Figure 1 has been amended to show the term “Prior Art” as suggested by the Examiner.

A letter to the official draftsperson is attached.

REMARKS

After entry of this amendment, claims 4-19 will be pending. Applicants thank the Examiner for the indication that claims 5-13, 15 and 19 would be allowable if rewritten in independent format.

Rejection of claims 1-4 and 14 under 35 U.S.C. §102

The Examiner rejected claims 1-4 and 14 under 35 U.S.C. §102 as anticipated by Kotowski et al. (U.S. Patent 6,198,645). Applicant has cancelled Claims 1-3 rendering the rejection with regard to these claims as moot.

Regarding the remaining claims 4-19, Applicants respectfully submit that independent claims 4 and 14 recite features not taught or suggested by the cited Art. Specifically, claim 4 recites a charge sensitive device adapted to be coupled with a charge transformer and a device under test. Claim 14 recites that the claimed capacitors are discharged to the charge sensitive device.

The present claimed invention lends itself directly to detecting and measuring electrical currents produced by devices having a capacitance significantly larger than a capacitance of the charge sensitive device. See top of page 4 of the specification. The present invention accomplishes this by utilizing capacitors and switching elements that switch the capacitors from a series configuration where the capacitors are discharged to the charge sensitive device and a parallel configuration where the capacitors are able to be charged by the device under test. By utilizing capacitors in this fashion, the problem created by the capacitance difference between the device under test and the charge sensitive device is alleviated.

Differently, the cited reference involves converting DC - DC voltages and does not discuss anything about overcoming deficiencies caused by the differences in capacitance between charge sensing devices and device is under test to sense current or anything else for that matter. Instead, the capacitors in the cited reference are used for merely enhancing a DC power supply. This is significantly different than the usage of the capacitors in the presently claimed invention. This is why the presently claimed invention includes the recitation of a charge sensitive device. It is this element that enunciates the inventions application to sensing charge and not merely any application involving switching capacitors between a series state and a parallel state. Accordingly, for the reasons set forth above, Applicant respectfully submits that claim 4 and 14 and all claims depending therefrom are in a condition for allowance.

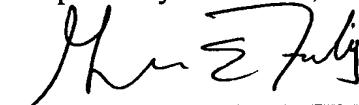
CONCLUSION

For at least these reasons, this application is now in condition for allowance. It is believed that any additional fees due with respect to this paper have already been identified in any transmittal accompanying this paper.

However, if any additional fees are required in connection with the filing of this paper that are not identified in any accompanying transmittal, permission is given to charge account number 18-0013 in the name of Rader, Fishman and Grauer PLLC.

If the Examiner has any questions or comments, she is kindly urged to call the undersigned to facilitate prosecution.

Respectfully submitted,



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